	Application No.	Applicant(s)
Notice of Allowability	09/887,787	BAE ET AL.
	Examiner	Art Unit	
	HUNG Q PHAM	2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *01/06/2005*.

2. ☒ The allowed claim(s) is/are *1,2,5-8,12 and 13*.

3. ☒ The drawings filed on *17 January 2002* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

       Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

SHAHID ALAM
PRIMARY EXAMINER

DETAILED ACTION

- Applicant's arguments with respect to the rejection of claim 8 under U.S.C

§ 112, second paragraph, filed 01/06/2005, have been fully considered and are

persuasive. The rejection of claim 8 has been withdrawn.

EXAMINER'S AMENDMENT

- An examiner's amendment to the record appears below. Should the

changes and/or additions be unacceptable to applicant, an amendment may be filed as

provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

- Authorization for this examiner's amendment was given in a telephone

interview with applicants' representative, LAWRENCE D. CUTTER, on 03/18/2005.

Replace claim 1 in the Amendment filed on 01/06/2005 by the clean version

(without underlined and crossed mark) amended by examiner as below:

(Claim 1)   *A computer implemented method for controlling log file comprising the steps of:*

determining an importance level for a received log entry;

storing said received log entry in a first file if said importance level is above a predetermined threshold and in a second file otherwise;

switching storage from said first file to an alternate first file in response to said first file reaching its predetermined capacity;

switching storage from said alternate first file to said first file in response to said alternate first file reaching its predetermined capacity;

switching storage from said second file to an alternate second file in response to said second file reaching its predetermined capacity;

switching storage from said alternate second file to said second file in response to said alternate second file reaching its predetermined capacity.

Replace claim 2 in the Amendment filed on 01/06/2005 by the clean version (without underlined and crossed mark) amended by examiner as below:

(Claim 2)   *A computer program product stored on a machine-readable medium for controlling log files comprising:*

determining an importance level for a received log entry;

storing said received log entry in alternating ones of a first file pair if said importance level is above a predetermined threshold, wherein switching storage between files of said first file pair occurs as one file in the first file pair reaches a predetermined capacity;

storing said received log entry in alternating ones of a second file pair if said importance level is below a predetermined threshold, wherein switching storage between files of said second file pair occurs as one file in the second file pair reaches a predetermined capacity.

Cancel claims 3-4 in the Amendment filed on 01/06/2005.

(Claims 3-4)   Cancel.

Replace claim 5 in the Amendment filed on 01/06/2005 by the clean version (without underlined and crossed mark) amended by examiner as below:

(Claim 5)   *The method of claim 1 in which the predetermined capacity of said first file is the same with said alternate first file.*

Replace claim 6 in the Amendment filed on 01/06/2005 by the clean version

(without underlined and crossed mark) amended by examiner as below:

(Claim 6)   *The method of claim 1 in which the predetermined capacity of said second file is the same with said alternate second file.*

Replace claim 7 in the Amendment filed on 01/06/2005 by the clean version

(without underlined and crossed mark) amended by examiner as below:

(Claim 7)   *The method of claim 1 further including the step of generating a report from a plurality of log file entries retrieved from one of said first file, alternate first file, second file and alternate second file in the same time order in which the log entries were stored.*

Replace claim 8 in the Amendment filed on 01/06/2005 by the clean version

(without underlined and crossed mark) amended by examiner as below:

(Claim 8)   *The method of claim 1 in which all of said log file entries are of the same.*

Cancel claims 9-11 in the Amendment filed on 01/06/2005.

(Claims 9-11)   Cancel.

Replace claim 12 in the Amendment filed on 01/06/2005 by the clean version

(without underlined and crossed mark) amended by examiner as below:

(Claim 12)   *The method of claim 1 in which the number of distinct importance level is two.*

Replace claim 13 in the Amendment filed on 01/06/2005 by the clean version

(without underlined and crossed mark) amended by examiner as below:

        (Claim 13)   *The method of claim 3 1 in which said log file entries include a time*

stamp.

Cancel claims 14-16 in the Amendment filed on 01/06/2005.

        (Claims 14-16)   Cancel.

REASONS FOR ALLOWANCE

Claims 1, 2, 5-8, 12 and 13 (renumbered as 1-8) are allowed.

The following is an examiner's statement of reasons for allowance:

The closet available prior arts, Bergsten et al. [US 2002/0152429 A1], Falls et al.

[USP 6,274,149 B1] and Carlson [USP 6,697,849 B1] also disclose methods for

controlling log files by swapping the log files whenever a log file reaches a

predetermined capacity. However, the prior art fail to teach or suggest the steps of

storing said received log entry in a first file if said importance level is above a predetermined threshold

and in a second file otherwise; switching storage from said first file to an alternate first file in response

to said first file reaching its predetermined capacity; switching storage from said alternate first file to

said first file in response to said alternate first file reaching its predetermined capacity; switching

storage from said second file to an alternate second file in response to said second file reaching its

predetermined capacity; switching storage from said alternate second file to said second file in

response to said alternate second file reaching its predetermined capacity as in claim 1, and *storing*

said received log entry in alternating ones of a first file pair if said importance level is above a

predetermined threshold, wherein switching storage between files of said first file pair occurs as one file in the first file pair reaches a predetermined capacity; storing said received log entry in alternating ones of a second file pair if said importance level is below a predetermined threshold, wherein switching storage between files of said second file pair occurs as one file in the second file pair reaches a predetermined capacity as in claim 2. Therefore, the invention is allowable over the prior arts including the providing steps as indicated above.

CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUNG Q PHAM whose telephone number is 571-272-4040. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOHN E BREENE can be reached on 571-272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner Hung Pham
March 24, 2005

SHAHID ALAM
PRIMARY EXAMINER